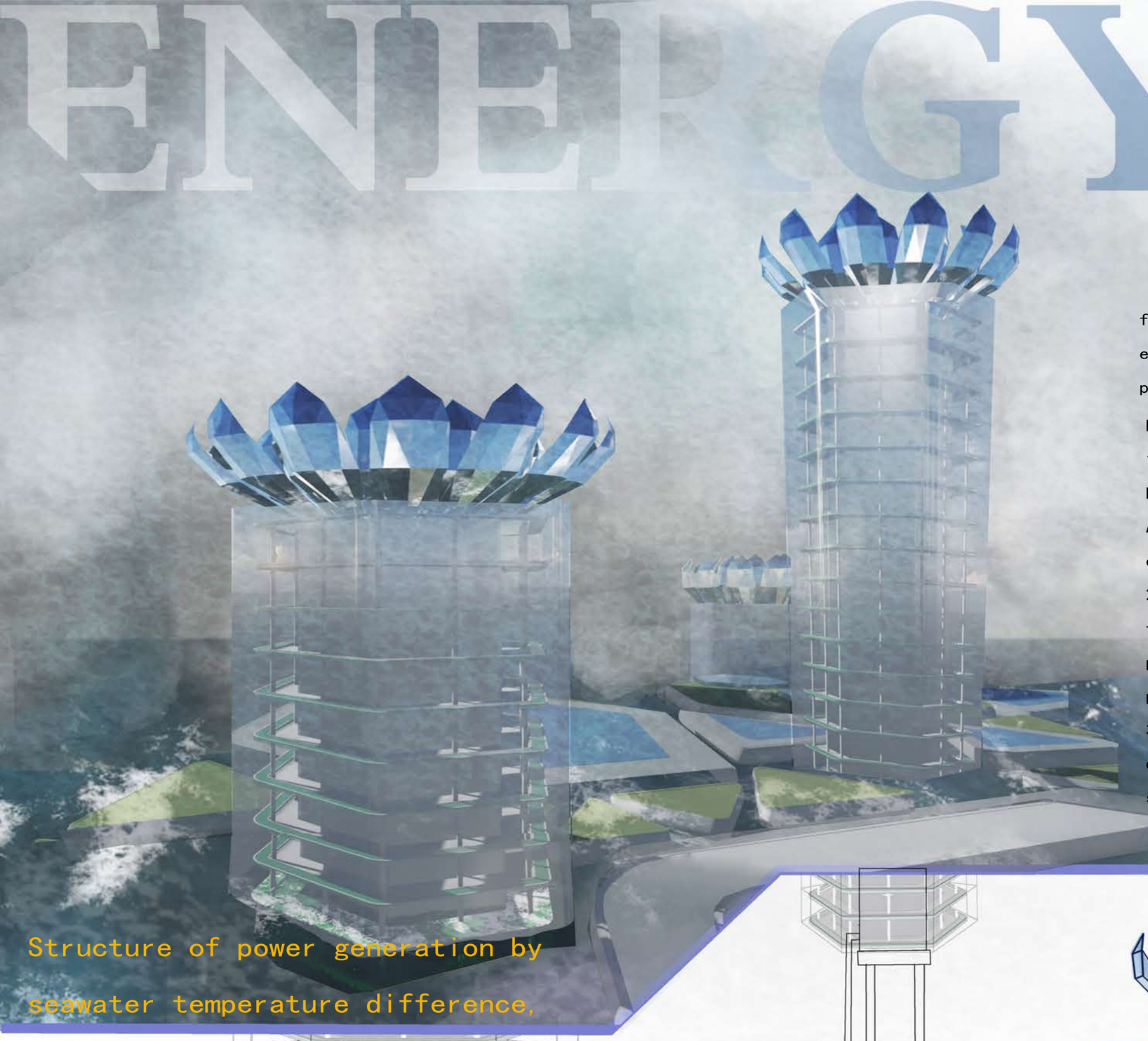


Function Analysis of Fluorescent Tower

“ Fluorescent tower” is a column of hexagon, it has five functions, solar power, seawater desalination, biomass energy, power generation by water temperature difference and public space.

Function:

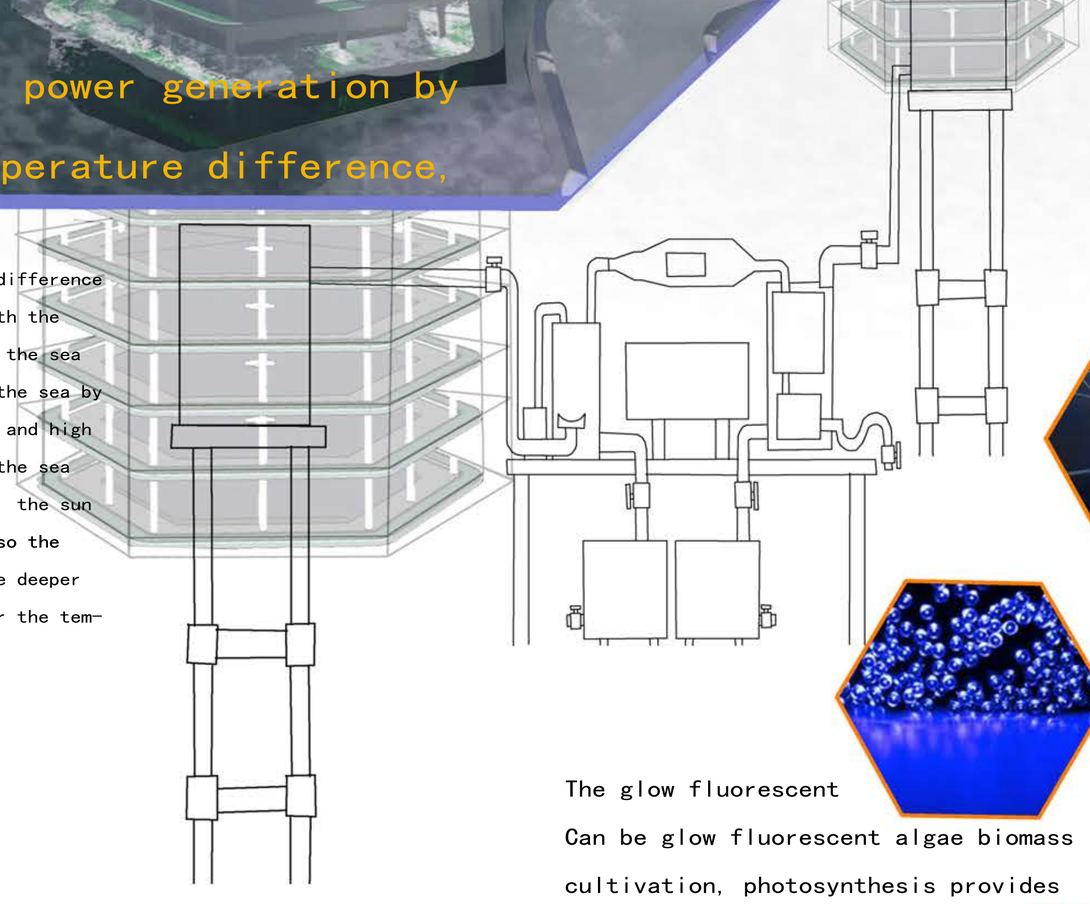
1 The top part is "petals" composed of solar panels, it can be flexible and can be adjusted according to the sun high Angle and azimuth Angle, the maximum possible capture solar energy.

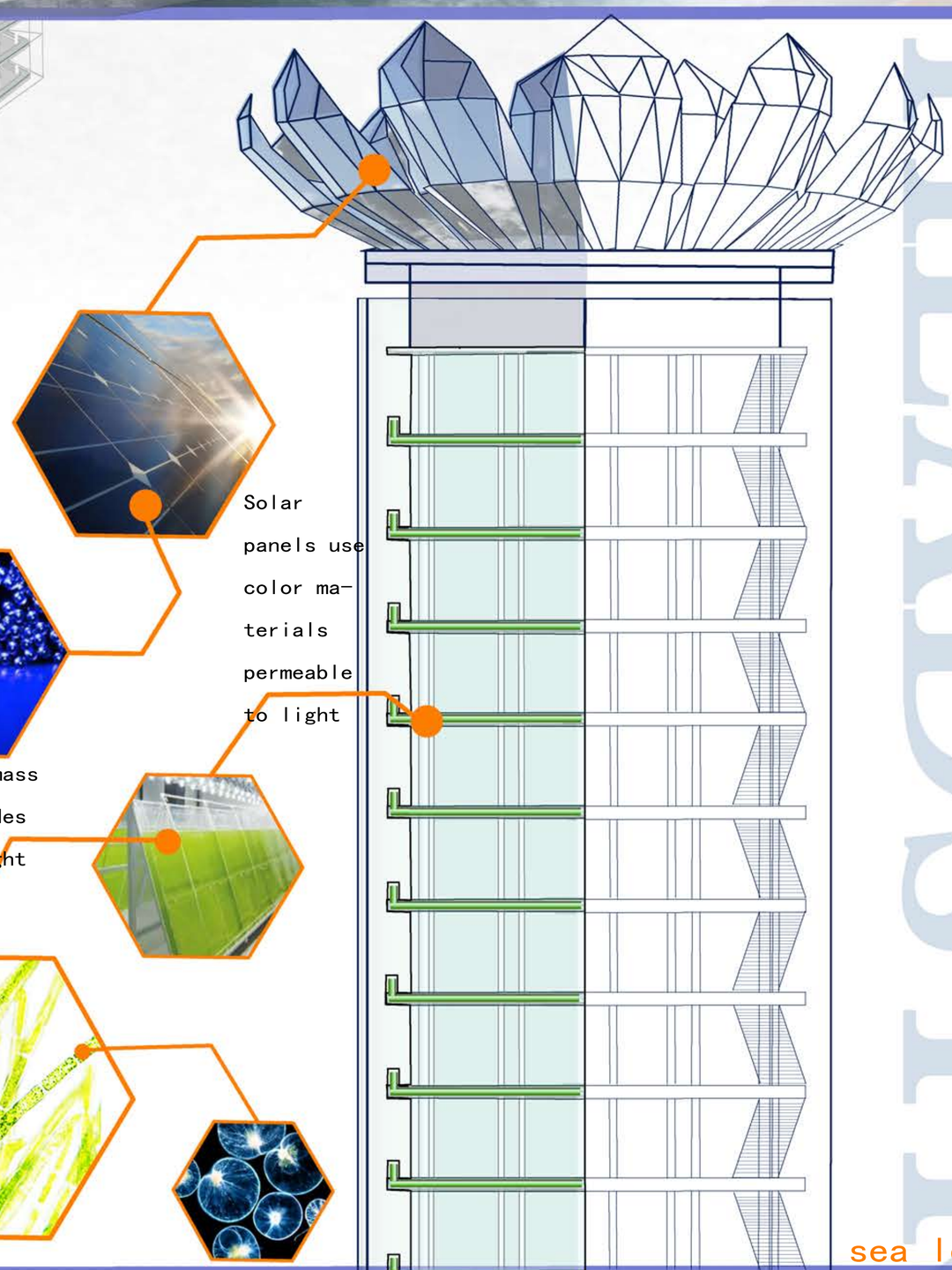
2 The outer layer of Facilities is fermentation tank for photosynthesis. The algae cell could decompose the hydrogen into particles of positive and negative charge, which can generate power by electrical current through internal activities.

3 There are power equipment of water temperature difference, desalination equipment of seawater and landscape space on the sea or under the sea, in the tower.

Structure of power generation by seawater temperature difference,

Sea water temperature difference power generation is with the change of the depth of the sea water, the surface of the sea by the sun, absorb energy and high temperature; while in the sea level 200 meters below, the sun almost can not reach, so the temperature is low. The deeper the water is, the lower the temperature is.



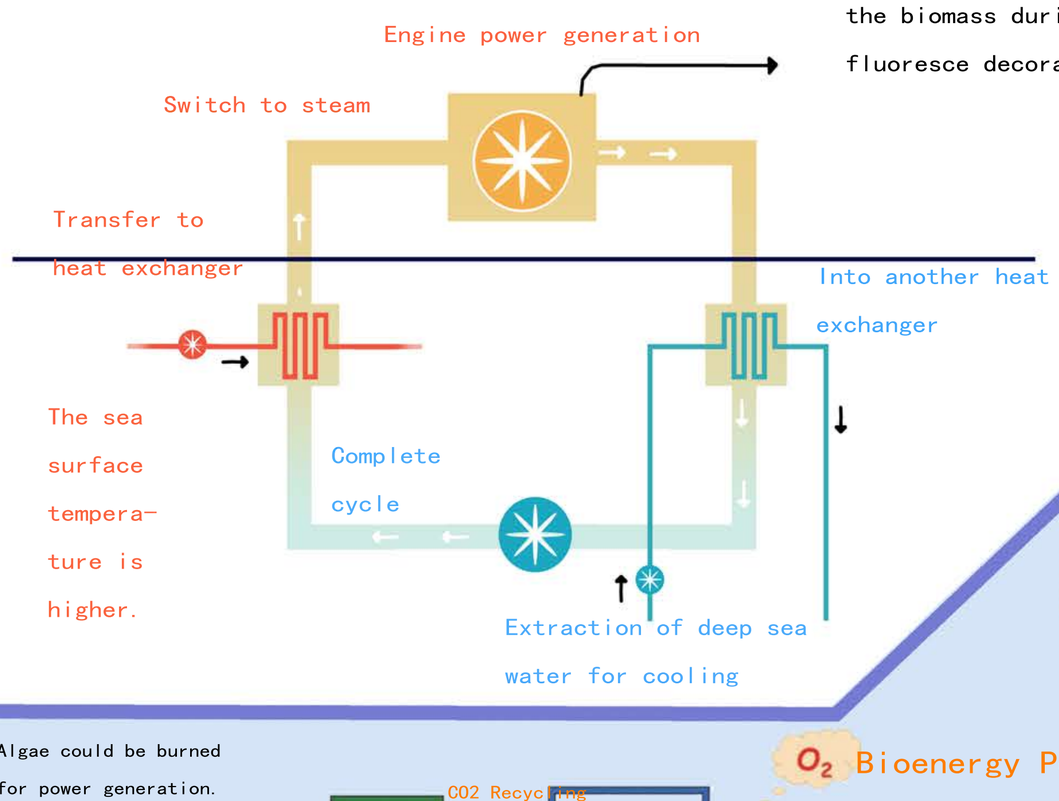


Solar panels use color materials permeable to light

The glow fluorescent Can be glow fluorescent algae biomass cultivation, photosynthesis provides the biomass during the day and night fluoresce decoration facilities.

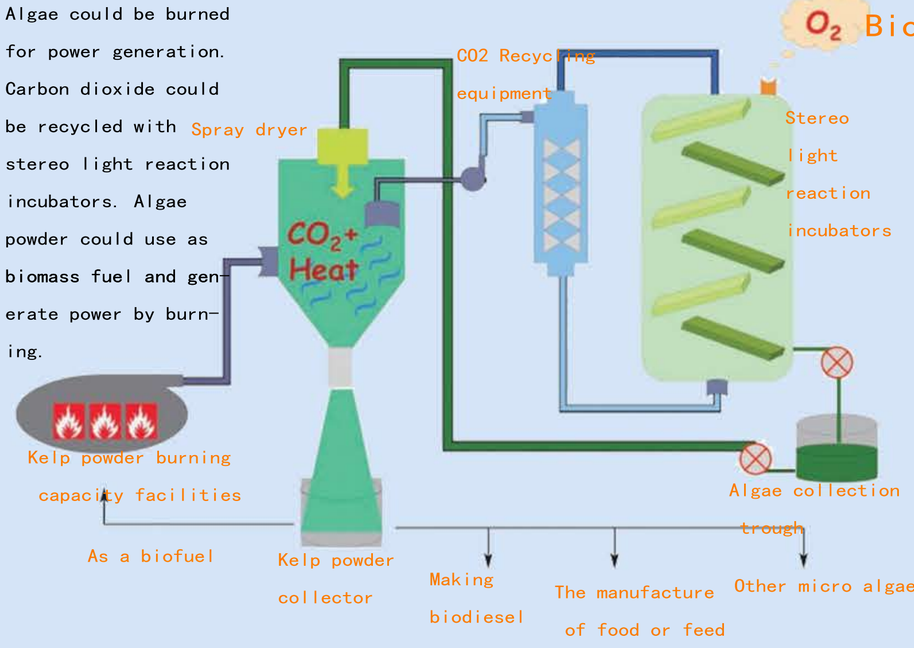
The glass outside tower use microporous material, a part of light penetrates glass and helps algae occur photosynthesis, others is absorbed and changed into energy.

sea level



O_2 Bioenergy Power Generation

Algae could be burned for power generation. Carbon dioxide could be recycled with stereo light reaction incubators. Algae powder could use as biomass fuel and generate power by burning.



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